



# The Ground Plane

South Bay  
Amateur Radio  
Association /  
ARRL Club  
Since 1974



Volume I Edition II

November, 2000

## President's Message

By Rudi Wiedemann — WA6RW

As many of you know, the November meeting is the time for annual elections of club Board of Directors. This includes the President, Vice President, Treasurer and Secretary.

The other 'Leadership Team' members are appointed by the Board. These positions are all crucial to making SBARA a vibrant organization.

With the departure of the Leadership Team 2000, I want to thank each of them profusely for their dedication, hard work, and creativity. My personal theme for year 2000 was to explore what new and exciting things could be done for the SBARA membership. We set high expectations for ourselves, but by spreading the load we accomplished most of our goals. We hope you enjoyed the results!

So I strongly urge you to consider how YOU can contribute your time and energy to make a difference in SBARA's programs for next year. You don't have to be an 'old timer', just have a love of ham radio and a willingness to serve. Here's a chance to make SBARA reflect more of your interests.

Also, don't be shy about nominating someone you know who has an interest in serving.

Hope to see you all at the November meeting for a great turnout and election!

73s.....Rudi - WA6RW



## November Program

Come to our monthly meeting—This month our program topic will be Antenna Angst: "Simple Ways to Make Them Work." Plus don't forget to cast your vote for our Club Officers for the 2001 calendar year....

The general meeting be-

gins at 7:30 PM and we look forward to seeing all of you there...

Cast your vote or even volunteer for one of the Club Leadership positions!!!!

Your participation makes the Club strong!

See you at the Meeting!!!!

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# SBARA Club Officer 2001 Elections

## Have You Thought About Being A Club Officer

### Attention SBARA Members:

Do you realize the year is almost over?

Do you know that now is your opportunity to help the club next year? The term of the current club officers is almost over, and now is the time to nominate people to continue the leadership next year. Do you know what it takes to be part of the leadership team next year? It takes eagerness to help, that's all.

If you would like to be a part of the leadership team next year, please contact someone on the nominating Committee and let us know how you would like to help.

Sincerely,

### ***The SBARA Nominating Committee***

Joann Wood - WV6RQT—joannwd@pacbell.net  
Syd Furman - W6QWK —w6qwk@pacbell.net  
James Lee - N1DDK —n1ddk@arrl.net

***SBARA Club Officer 2001 Elections***  
***November 15, 2000***  
***Please Attend and Vote !!!!***

## SBARA 2000 Holiday Party & Dinner

By—William Artelt—WB9YVM

### **SBARA 2000 Holiday Dinner and Party** **Lucia's Italian Restaurant—December 2, 2000 at 6:30PM**

A raffle is planned for a Grand Prize, 2nd, and 3rd place winners.  
Cost of the raffle tickets is \$5.00. Winner need not be present to win.

Do come and enjoy the Holiday festivities!

#### ***Our Menu Selections***

1. **Pasta Primavera**—Fresh Veggies Sautéed w/Garlic, Caramelized Onion, Wine & Chicken Broth, choice of Spaghetti or Mostacioli —**\$16.00**
2. **Cannelloni** —Filled With a Mix of Cheese, Swiss Chard & Italian Sausage—Backed In Meat Sauce—Topped w/Mozzarella Cheese—**\$16.00**
3. **Lemon Chicken Breast**—Served With Pasta & Veggies—**\$18.00**
4. **Veal Parmigiana** —Breaded & Grilled, Topped w/Meat Sauce & Melted Mozzarella Cheese, Served w/Pasta—**\$23.00**
- 5.

***Each dinner entry includes a Fresh Salad, French Bread a Beverage of Your Choice - Coffee, Tea, or Soda***

**\*\*\* All monies & reservations are due by November 21 or sooner. \*\*\***

**Lucia's Italian Restaurant 700 Mowry Avenue Fremont 796-4430**

# Car Battery Voltages To Increase In The Near Future

By — Mike — AB6CV

We hams typically tax our vehicle's electrical systems pretty heavily. (You know who you are. hi hi) As we all know, the current ham radios all run at 12vdc. And not just the mobile rigs but the big ones as well. Mainly because it makes it easier to use your radios in an emergency if you can quickly hook it up to a car battery.

Well get ready for a big change. Car batteries are going to get bumped up in voltage. Right now it looks like 42 vdc is favored. Wow! This change is expected to become widespread in 5-10 years. But you will start seeing it in the luxury vehicles sooner than that, probably 2-3 years.

Why!? Because more and more of the cars own systems are going electric. With the voltage change you will also get electric power steering. This is much more efficient than hydraulic systems. We have seen car batteries jump from 6vdc to 12vdc in the past. With all the new technology that has come about lately it should be no surprise that something like this is bound to happen.

I am sure there will be commercial voltage converters available for using 12vdc equipment in a 42vdc car. They better idiot proof jumper cables too.

Mike AB6CV

# AMSTAT Phase3D Gets Firm Launch Date

By — ARRL News Bulletin ARLS016

AMSAT News Service says the next-generation Phase 3D satellite now has a firm launch date and time. ANS says it's been informed by "various sources" that the Ariane 507 carrying Phase 3D and other satellite payloads aloft will head into space Wednesday, November 15, at 0107 UTC from the European Spaceport in Kourou, French, Guiana.

The Radio Club of Kourou's FY5KE has announced plans to broadcast the Phase 3D launch on 14.315 MHz in French "and probably in English." The transmission will start at approximately 15 minutes prior to launch and will end about 45 minutes later when the satellite is put on orbit.

Also atop the Ariane 5 rocket will be the PanAmSat 1R communications satellite--the largest and primary payload--and two British Space Technology Research Vehicle minisats, STRV 1C and STRV 1D. If all goes as intended, the Ariane 5 will place all four satellites into geostationary transfer orbit.

Phase 3D, at more than 1400 pounds and nearly 20 feet across, will be the largest Amateur Radio payload ever put into space. In October, AMSAT-DL Executive Vice President Peter Guelzow, DB2OS--who's heading up the Phase 3D launch campaign--pronounced the satellite "ready to fly" after it passed all of its pre-launch inspections, testing, and preparation.

Once in geostationary transfer orbit and deployed by the Ariane 5, Phase 3D will fire its own motor and thrusters that eventually will put the satellite into a high elliptical orbit that's almost 30,000 miles from Earth at its farthest point. Establishing the satellite's final orbital configuration will take up to one year.

For more information, visit the AMSAT-NA Web site, <http://www.amsat.org/>

## SBARA - A LITTLE RICHER THANKS TO THE MANY HARD WORKERS—By Wayland Louie KA6QAK

SBARA's Pacificon 2000 Snack Bar Event went well. We were worried about it being windy and cold but we had great weather. I have over \$950.00 to be handed over to Ted. (We will net approximately \$500). I will report to Ted the exact amount when I have tallied all the coins. Those who purchased supplies for this event please submit your expenses to Ted for reimbursement.

My deepest appreciation and thanks to SBARA member Tom Chittenden, KF6UIQ, and non-member Bob Baez, KF6JJU, for their involvement (an understatement) in this year's

PACIFICON Snack Bar event. The driving force behind my involvement and ultimately success is, of course, Syd Furman, W6QWK. I was getting panicky three weeks before the event and Syd held my hand and walked me through the process. He even allowed me to intrude into his lovely home, twice, and used it as meeting place for the planning of the event. I am a very lucky man. I really had a lot of help putting this one together.

The Friday before Pacificon, Tom drove to the Lewis' house to pick up their various items that needed transport. He later met me at Syd's

to pick up more supplies. We later picked up more from my home and dropped them off to be loaded onto Bob's trailer. Tom is a real work-horse who doesn't ever tire. Tom's incredible.

We hit the road Saturday morning at four. Bob announced on the air that his trailer brake froze and he had to leave it off which affected the brake and running lights. We put Tom in front, since he had the fancy GPS navigation set up, and me in back sandwiching Bob in the middle. Syd soon came on the air and said he was running a couple of minutes behind and he's catching

## SBARA Pacificon (cont'd.)

up. Well, we drove by a CHP who stopped someone along the way. Later we heard Syd mentioning the CHP was behind him. I was worried that he/she might have seen Bob's trailer without running lights and was looking for the trailer. We asked Syd to let us know if the CHP was passing him. It never happened. I don't think Bob needed to entertain the CHP on top of having

brake problem with his trailer. We hit the Sheraton without a hitch. I was glad to have my son Nathan, KF6UQR, with me because he did the simplex frequency setting for me. I couldn't have been able to do it with my HT while driving. He's a good co-pilot. We found Judy and Paul Lewis already at the snack bar location. We started to set things up. I'm glad we

brought along propane lanterns. We fired up three of them and Judy and the gang were busy getting ready to cook. Sanjay, K9JAY, and his son Aashish arrived early too. It turned out I picked the right guy to be the power guy. Sanjay has a lot of experience running generators so, between him and Paul Lewis, we were up and running in no time. I made the mistake of not

## SBARA Pacificon (cont'd.)

making coffee right the way. The pot I made in the morning to bring over was running low. The second pot was not quite ready but was hot enough so we moved it to the serving area with it still plugged in. We cheated but it worked. Coffee from that point on was no problem. Between Tom

Leen KG6CHG, and Tom UIQ, and Bob JJU, the coffee was flowing.

On the front-line, Ex-General Rudi, WA6RW, was facing the hungry mob in solo. Well, not exactly, he had the most efficient little helper by his side; Sanjay's son, Aashish.

The little guy was handing over coffee cups, juice cups, and paper plates to Rudi for customers. Later on he was running down to get sodas or bottled water to customers. The little guy didn't like donuts but he liked hot dogs. He was seen later with his dad helping a blind ham get settled with his breakfast. Rudi was

# Fremont Communications Volunteers

By Wayland Louie—KB6UOK

**I.** The meeting began at 1938 hours at the Fremont Police Department Building. Present were Jim Wood (KE6IVA), Wayne Springsteen (WU6A), Steve Bassett (KQ6VH), David Harris (N6UOW), Andy Mascaks (WD6CJK), Doug Stinson (KG6ADR) and Wayland Louie (KB6UOK).

**II. Program:** The night's program was a discussion of the group's plan for the year 2001. Wayland Louie is stepping down from the Emergency Coordinator (EC) position after holding that job for 3 years. A number of questions were raised as to duties and responsibilities, but no decision was made on a successor and discussion is to be carried over until the next meeting. Anyone interested in becoming the Emergency Coordinator should contact Wayland for details.

**III. Agency Reports:** 1) Alameda County District – Jim Wood reviewed the September 23rd meeting at Kaiser Fremont. A discussion was held about the organizational structure at the county level as Ron Kane (AD6KV) plans on relinquishing the District EC responsibility. Another change in leadership was announced to the group as Rich Martinez (KG6MH) resigning from the EC position in Union City. A short discussion was held on frequency allocation, but nothing was resolved and planning will be ongoing.

2) CERT Communication Teams – Doug Stinson reported that more radio drills are planned and CERT districts will have simulations. A new Website is also planned for the group.

3) Fire Dept. – No report was given.

4) Hospitals – Wayne Springsteen (WU6A) took part in the OES Region II hosted Hospital Net from Washington Hospital. Jim Wood also participated from Kaiser Fremont. A statewide Emergency Medical Services Agency (EMSA) drill will be held on November 9.

5) Police Department – No report was given.

6) Red Cross – No report was given.

7) Schools – No report was given.

## IV. Old Business:

1) Volunteer Time Reporting – A reminder that the 7th of each month is the deadline for prior month volunteer hours to be made. To submit hours, you may call Janet or e-mail her (JValdes@ci.fremont.ca.us). Hours submitted after the 7th will not be accepted.

2) Net Control Duties -- Fremont will be responsible for November 2000 Net duties. If you would like to operate the station at the Fremont Police Department on a Tuesday night, contact Wayland Louie or Jim Wood.

3) SBARA Workshops – Jim Wood lead an APRS workshop on September 23. It was well attended and a lot of good information was passed.

4) Pacificon -- SBARA grossed \$955 from snack bar vending, according to a report from Harry Lau (KF6QAK) on last night's Net. Thank you to all who helped make the event a success.

## V. New Business:

1) Ham training – Wayland Louie announced another SBARA sponsored session to be held Octo-

ber 28 at the Union City Red Cross Service Center. This session is on HF and is intended for newly upgraded hams.

2) Pagers – Andy Mascaks announced that airtime renewal fees are due and he will be sending notices out to all participants.

## VI. Events:

1) SBARA Meeting – November 15, 2000 at the Central Park Community Center.

2) SBARA Christmas Dinner – December 2, 2000 at Lucia's Restaurant.

3) Communication Volunteer meeting – December 13, 2000.

## VII. Adjournment:

The meeting adjourned at 2115 hours. The next meeting is scheduled for 7:30 p.m. on December 13, 2000 at the Fremont Police Department. For more details on any of the items mentioned above, tune into the weekly 147.015 Tuesday night Net at 7:30 p.m.. Ask for details if none of the topics are discussed, or put out a request for more information.

## Treasurers Report

By Ted Cameron — N6BFO

Total cash assets — 9/30/2000:

\$2497.14

Income since then: \$1376.64

Expenses: \$ 468.07

Current balance: \$3405.71

Projected for November:

Income: \$ 15.00

Expenses: \$ 350.00

# Goldwater K7UGA Call Sign Re-issued

By ARRL News

## SB QST ARL ARLB042

ARLB042 Goldwater K7UGA Call Sign Re-issued

The famous K7UGA call sign formerly held by the late US Senator Barry Goldwater has been re-issued to the Central Arizona DX Association. The FCC granted CADXA's request for K7UGA on October 24.

The call sign came up for grabs this fall after the mandatory two-year waiting period following the cancellation of Goldwater's amateur license ended. Goldwater died May 29, 1998. CADXA President Gary Capek, K8BN, says the club, which traded its N7KJ club station call sign for K7UGA, plans to keep the call sign active.

Goldwater's family has donated his amateur equipment, memorabilia and furnishings to the Arizona Historical Society's museum in Tempe. Capek says he's met with representatives of the museum--which plans to reconstruct Goldwater's ham shack as an exhibit--and says CADXA will cooperate in making the call sign available for special events at the museum.

The Goldwater ham shack exhibit still is in the planning stages, and the museum has been soliciting donations from the amateur community to construct the exhibit.

"I have agreed to work with them when they begin to install the old Goldwater shack items in the next year," Capek said.

The K7UGA station equipment and console were removed last May from the Goldwater home in Paradise Valley, Arizona, which has been sold. Goldwater's station and massive antenna system were used to complete thousands of phone patch messages for troops during the Vietnam War.



## Club Shirts—Where Do I get One? They Make Great Holiday Gifts!!!

SBARA shirts are available from the Keepsake Factory at New Park Mall. The shop is on the second level near Mervyns. They cost \$28 for S, M, L, XL and \$30 for XXL, plus tax. It will probably take about a week to receive the shirt once you have ordered it.



# First ARISS school picked

By ARRL News

## SB SPACE ARL ARLS017

Students at an Illinois school are set to be the first to talk via Amateur Radio with the crew of the ISS, as part of the Amateur Radio on the International Space Station--or ARISS--program. The Burbank School in Burbank, Illinois, is tentatively scheduled to have a QSO with the Expedition 1 crew in December. An exact date has not been set, and the schedule remains at the mercy of the crew's heavy work schedule.

The Burbank School applied for a Space Amateur Radio Experiment QSO in January 1996, and its application is currently the one waiting the longest in the files. Another 18 schools are under consideration for ARISS school contacts.

Burbank School has chosen 12 students to speak to the Expedition One crew. The entire school has organized educational activities that revolve around the International Space Station. Teachers throughout the school are using AMSAT and ARRL news articles as teaching materials.

A design contest for a logo to be used at the educational event was held, and the winning logo will be featured on T-shirts.

Charles Sufana, AJ9N, is the AMSAT school mentor for the Burbank School.

The ISS Expedition 1 crew hopes to have the Amateur Radio initial station gear installed and checked out soon. The crew of US astronaut and ISS Expedition 1 Commander William "Shep" Shepherd, KD5GSL, and Russian cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko arrived aboard the ISS November 2.

## SBARA 2000 Meeting Program & Workshop Schedule

<b>Month</b>	<b>Program</b>	<b>Workshop or Event</b>
November	Antenna Angst: "Simple Ways to Make Then Work"	
December	<b>CHRISTMAS Dinner &amp; Program</b>	<b>Lucia's Italian Restaurant</b> <b>December 2—6:30 PM</b>

### SBARA Pacificon (cont'd.)

multi-tasking too. He's one marketing guy who really knows how to toot his own horn. In between sales he used his bullhorn and called attention to the SBARA snack bar. I'm sure we did pretty well because of that.

Thanks to Jim, KE6IVA, and Lloyd N6UOK for running up and down the street in the morning and bringing us ice and sugar. Jim earlier offered me the help in case I found I was short on things. He said I could try to radio him because he and Lloyd were coming up a little bit later than I was. Bob, JJU, called them on the radio and they came through for us. What teamwork! Thanks, guys.

Of course, people come from afar to have Judy's Giant Breakfast Burrito. They were not disappointed. There was a small glitch, though. The microwave I borrowed was not working well. Well, it wasn't working. The cheese was melted by the heat of the egg rather than by nuke power. I didn't hear any complaints. I want to thank Josie who was invited by Syd to help us. She was a great help to Judy. Pancake was selling well too. KF6UQR, Nathan, was making the pancakes so big that we gave two instead of the advertised three per order. I think we had enough chairs this year. There were a couple of people who helped during the morning shift. I think Paul Carlin sent them. I'm sorry if I don't remember the names; thanks for your help. I took over the cashier's job while Rudi shifted gears to be BBQ master and started the hot dogs around 9. Aashish had a new job to do and he loved it. There were hot dog, boats to fetch and sodas to get from the ice chest....

Jerry, KF6TQC and Elise, KF6TQB came and worked the second shift. Elise took over cashier's duty while Jerry was doing the hot dogs. Later, she managed to

increase the profit margin and relieved us of all the otherwise unsold donuts.

Thanks to Jerry for lending us the 100-cup coffee maker. Later on, Alan, KE6YKK, came by. The club bought him a cup of coffee but he worked to pay for it. He was one of the clean-up crew. Thanks, Alan.

During the day, people such as Al, WT6K, and our treasurer Ted, N6BFO came by and offered their words of encouragement, and more. Thanks.

Many customers refused their change and offered a donation to the club. Thanks to those kind people.

Well, I'm getting sleepy now so I'll just say thanks to as many people as I can remember: Paul and Judy; Paul Carlin, Mike Fung, and Syd for the generators; Rudi; Tom Leen; Josie; Jim and Lloyd; Sanjay and Aashish; Nathan; Jerry and Elise; Doug, WB6GBE, and Gary, KE6TKV, for the gazebos; Wayland Louie, KB6UOK; YKK. Again, special thanks to Tom, UIQ. Those of us who were involved know how much you've put into this event. Bob, JJU, you're just special. I won't blame you if you won't pick up any more of my calls from now on. Every time I call on you things get so tangled up because of the kind of klutz I am. Thanks, friend. My sincere apologies if I missed any one with my thanks - too much donut. 73s - Harry KF6QAK

**Chair-PACIFICON 2000 Snack Bar Money Maker !**

## SBARA October Meeting Photos

### Photos by Rudi , WA6RW



Here's a shot of Ted (N6BFO) accepting a \$400 check from Doug Campbell (KE6GBE) on behalf of the Fremont Freewheeler's Club for SBARA's support during the last Primavera.



This photo is a shot of Doug Stinson (KG6ADR) demonstrating his bi-directional VHF antenna at last month's "Show and Tell" session.

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- 232 alphanumeric memories
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- Ultra compact
- Monitor function
- Large built-in speaker, 100 mW audio
- Tone squelch with pocket beep
- Mil spec 810, C/D/E\*1



### IC-W32A Dual Band Transceiver

- Advanced 2M/440 MHz
- 5W @ 13.5 V
- 200 memories w/alpha naming
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### ATLANTA, GA

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Doraville, 1 mi. no. of I-285  
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22191  
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**(800) 444-4799**  
Mike, N4MDK, Mgr.  
Exit 161, I-95, So. to US 1  
[virginia@hamradio.com](mailto:virginia@hamradio.com)

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## **SBARA Leadership 2000 Officers**

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